

Spectrographic Determination of Nickel and Cobalt in Bright Nickel Plating Baths, by N. Scalise.

ITALIAN, per, La Metallurgia Italiana, XXIV  
Vol. XLV, No 5, 1954, pp 170-174.

24,654 Bratcher Tr 3388  
\$4.80

Scientific - Min/Metals

Jun 55 CTB

The Evaluation of Inhibiting Power by Means of  
Polarization Curves, by G. Embara.

ITALIAN, per, Metallurgia Ital., Vol XLVI,  
Spec Suppl to No 5, May 1951, pp 119-120.

T.I.L. T-4723

Sci - Metallurgy Physics

43, 255

The Sintering of Magnesia to be Used in the Manufacture of Refractories, by V. Cirilli, 8 pp.

ITALIAN, per, Metallurgia Ital., No 9, 1954, pp  
313-316.

MEB-6-J171

Sci

ATS. 86-225

Jul 59

92,755

Three Tests on Refractory Products Carried Out  
With the Same Furnace, by J. Baron. UffJL

IEEE ITALIANA, per, La Metallurgia Italiana, Vol XLVII,  
No 1, 1955, pp 7-11.

British Iron and Steel Ind  
(no number given)

Eda - Engr  
Sep 59

98,171

Preparation of Metal Single Crystals, by A.  
Ferri, 17 pp.

ITALIAN, per, Metallurgia Ital, Vol XLVII, No  
6, 1955, pp 251-258.

SLA Tr 57-2005

Sci

Jul 58

68,044

Research in the Fe-N System, by A. Burdese  
5 pp.

ITALIAN, per, La Metallurgia Italiana,  
47, 1955, pp. 357-361.

\*Nat. Bur. Stand. TT 70-59050

Sci/chem  
May 70

Branchi, G. and Gandolfi, U.  
RESEARCH ON CORROSION TESTS IN SALINE FOR.  
III. ON THE EFFECT OF THE SHAPE OF THE  
SAMPLES. [1962] 10p.  
Order from K-H \$12.50 K-H 5256

Trans. of [It] Metallurgia Italiana, 1955, v. 47,  
p. 551-554.

DESCRIPTORS: \*Salinity, \*Corrosion.

62-17813

I. Branchi, G.  
II. Gandolfi, U.  
III. Title: On ...  
IV. K-H-5256  
V. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

(M-17813-Corrosion, TT, v. 8, no. 7)

Office of Technical Services

Supersonic Methods of Testing, by E. Martin,  
10 pp.

ITALIAN, per, Metallurgia Italiana, Vol VI,  
1956, pp 261-271.

CSIRO

Sci - Phys  
Nov 61

174, 402

New Electronic Reactions for Stainless  
Steels Containing the Sigma Phase, by  
I. Bartotti.

ITALIAN, per, Metallurgia Italiana,  
No 7, 1956, pp 324-326.

CSIRO

Sci - Electron, Min/Met  
Jun 62

199, 654

Microhardness Tests and the Validity of Meyer's Law, by A. Molaroni.

ITALIAN, per, La Metallurgia Italiana, No 10,  
1956, pp 443-446.

T.I.L. Tr 4786

Sci - Engineering  
Jun 57

48, 852

Theoretical and Experimental Study of Some Phenomena of Desincification of Brasses, by P. Lombardi, 20 pp.

ITALIAN, per, Metallurgia Ital, No 12, Dec 1956,  
pp 449-456.

SLA 57-2740

Sci  
Aug 58

70,877

Properties of Steel - Structure and Characteristics  
of the Steel Alloys Produced, by R. Colzari, G.  
Vardini.

ITALIAN, per, in Metallurgia Italiana, Vol XLIX,  
No 3, 1957, pp 159-169.

HB 4109

Set - Itln/Met

110 119

Sum 60

Structural relationships and equilibria between the  
 $\Sigma$  and  $\beta$  phases of the iron-nitrogen system, by  
A. Burdese.

ITALIAN, per, Metallurgia Italiana, Vol 49, No 3, 1957  
pp 195-199.

C.E. 5850D

apr 72

Some Continuations on the Interpretation of  
Ultrasonic Examination by Defect Research in  
Steel, by E. Maraneschi. UNCLASSIFIED

ITALIAN, per, La Met Ital, No 4, 1957, pp 275-289.

TIL Tr 485%

Sci - Min/Metals  
Jun 58

*Co-op Tr Schenck*  
*Tr 896*

*64,495*

Theoretical Considerations and Practical  
References on the Oxidation of Metals and  
Alloys at the Fused State, by P. Spinedi.

ITALIAN, per, La Metallurgia Italiana, No 5,  
Milano, 1957, pp 363-370.

Dept of Interior  
Bu of Mines  
Eastern Exper Sta  
College Park

Sci - Min/Met

May 60

117,403

Normal and Anomalous Inhibitions and Sensitized  
Emissions, by Mariano Pierucci,  
ITALIAN, per, Metallurgia Ital., Vol XLIX,  
1957, pp 415-418.  
AEC IS-Trans-40

Sci-Phys  
May 67

326.784

卷之三十一

REMARKS, p. 2, In Metallurgia Italica, No. V, 6,  
1957, pp. 11-12.

CEDR File No. 262

Code - Main/Middle

၆၁။ ၂၇

۲۷

Comparison of  $\gamma$  counters With Successive  
Integration and Those With Parallel Integration  
for Spectrochemical Analysis, by M. Scalisi,  
UNCLASSIFIED

ITALIAN, per, Mat Ital, Vol LIX, No 6, 1957,  
pp 479-482.

CSIRO  
Ministry of Supply 4893

Address: Ministry of Supply 76, 126  
First Avenue House  
High Holborn, London, W.C.1

Sci - Phys  
Nov 50

The Complementary Nature of Methods Using  
X-Ray Fluorescence Using Optical Emission in  
Spectrochemical Analysis, by M. Scalica.  
UNCLASSIFIED

NEW ITALIAN, per, Batt Ital., Vol LIX, No 6,  
1957, pp 483-487.

*CSIRO*  
Ministry of Supply 4894

Sci - Phys  
Nov 58

*- P151 56 -*  
*76,023*

<p>Fiorani, M. and Oleari, L. THERMODYNAMIC CALCULATIONS IN TERNARY LIQUID SYSTEMS (Considerazioni Termodinamiche su Sistemi Liquidi Ternari). [1962] [16]p. (foreign text included) 12 refs. Order from SLA \$1.60</p> <p>Trans. of Metallurgia Italiana, 1957 [v. 49] no. 9, p. 680-683.</p> <p>DESCRIPTORS: *Liquid metals, *Thermodynamics, Vapor pressure, Zinc alloys, Cadmium alloys, Antimony alloys, Numerical analysis.</p> <p>Using relatively scarce published thermodynamic data on ternary systems, the authors have limited themselves to a discussion of analogies between the various metals and the various systems. (Author) (Physics--Thermodynamics, TT, v. 8, no. 7)</p>	<p>62-16021</p> <p>I. Fiorani, M. II. Oleari, L.</p> <p>62-16021</p> <p>Office of Technical Services</p>
--	--

Study on the Resistance of a Silico-Aluminous  
Refractory to Sudden Cooling Tests, by L. Massimilia,  
S. Bracale.

ITALIAN, per, Metallurgia Italiana, Vol L,  
No 3, 1958, pp 101-105.

GB/150/2693

Sci  
Dec 62

Rivolta, Bruno.

INVESTIGATION OF THE ANODIC BEHAVIOR OF TITANIUM. I. DETERMINATION OF ANODIC VOLTAGES. 2 Dec 62, 13p. (figs. omitted) 14 refs.  
Order from SLA \$1.60

63-14435

I. Rivolta, B.  
II. Title: Determination ...

Trans. of La Metallurgia Italiana, 1958, v. 50,  
p. 173-180.

DESCRIPTORS: \*Titanium, Anodes, Electric potential,  
Electrolytes, Solutions, Electric currents, Corrosion.

The anodic behavior of Ti was investigated in 0.5 N solutions of HCl, NaCl,  $H_3BO_3$ ,  $NH_2HSO_3$ , KOH,  $Na_2S$ , NaF,  $HClO_4$ , and  $H_2SO_4$ ; the effect of current density and of temperature was also studied. The effect of acidity on NaF solutions was studied using HF, HCl and  $H_2SO_4$  as acidic addenda. In all cases electrode passivation with formation of protective surface layers was observed except in fluorinated solutions. (Author)

(Metallurgy, TT, v. 10, no. 6)

Office of Technical Services

The Venezuelan Iron and Steel Plant, by M. Gonni. UNCL

ITALIAN, per, La Metallurgia, Italiana, No 6, 1956,  
pp 215, 227-233, 246-247.

\*British Iron and Steel Ind E 8059

(These not ~~included~~ in BISI)

Jan 59

Effects of the Changes of the Ambiant Pressure of the  
Intensity of the Arc-Emission of Certain Elements,  
by Giulio Brautti, 7 pp.  
ITALIAN, per, La Metallurgia Italiana, No 8, 1958,  
pp 340-342. 9226321  
AEC-IS-Tr-6

Sci-Mat & Met  
Jan 6\$

272,4253

Evaluation and Thermal Etching of Fe-Ti Alloys  
in an Atmosphere of Hydrogen Containing Traces  
of Water Vapour, by A. Ferro, et al.  
ITALIANI, per, Int. Ital., No 11, 1958, pp 484-494.  
REF ID: A6317270

sci/materals  
sept 09

393,042

Induction of magnetite in blast furnace.  
by J.W. Reis, et al. 1951.

REPRINT, per, Metallurgy section, no. 1,  
1952, pp 89-93.

HB 4769

Set - Min/Met  
Feb 60

106, 723

Modern Forging Manipulators, by G. Papuli.

ITALIAN, per, La Metallurgia Italiana, No 3, 1959,  
pp 94-100.

BISI 1619  
ZLA 62-16866

Sci - Eng

Oct 60

Grain Growth Produced by Slight Deformation of  
Rimming Steel Sheet. Its Effect on Magnetic  
Properties, by V. Berruti, B. Scattacal.

ITALIAN, per, La Metallurgia Italiana, Vol LI,  
Apr 1959, pp 129-138.

BISI 2052

Sci - Min/Met  
Jun 61

156,534

Etching Figures on Fe and Fe-Si Alloys for the Determination of Crystallographic Orientations and Relations With the Structure of the Six Ferromagnetic Domains, by F. Em. Brossa, A. Ferro, C. Venturello.

ITALIAN, per, La Metallurgia Italiana, Vol II,  
No 4, 1959, pp 139-144.

BISI 2351

204, 665

Sci - m/m

Jul 62  
list 147

Progress in the Application of Oxygen in the  
Open-Hearth Furnace, by M. Foresi, G. Massobrio.  
UNCL

ITALIAN, por, Met Ital, No 7, 1959, pp 257-273.

SI-A 62-16868  
BISI 1702

(19.15s.0d.)

Sci - Chem; Min/Met

Jun 60

118,441

Characterisation of Apparatus for Industrial Radiographs and Combined Exposure on the Basis of KV/MR Standardised Curves, by A. Gilardoni, A. Taccani.

ITALIAN, per, La Metallurgia Italiana, No 8, 1959,  
pp 382-384.

\*TIL T 5164

Sci - Engr

Jan 61

Research on the Problem of the Calibration of  
Radiographic Apparatus, by G. Moravia.

ITALIAN, per, La Metallurgia Italiana, No 8,  
1959, pp 385-387.

\*TIL T 5165

Sci - Engr

Jan 61

The Preparation of Iron Ores With Particular  
Regard to the Mineralogical and Petrographic  
Structure, by W. K. Finn.

ITALIAN, per, in Metallurgia Italiana, Vol LI,  
Sep 1959, pp 407-417.

KIBI 1977

Sci - Min/Metals

CR 2/T. 137

Mar 62

189, 061

list 125

Phenomena of Diffusion in the Solid Phase by  
Radiation, by E. Germagnoli.  
ITALIAN, per, La Metallurgia Italiana, 51, 1959,  
pp 505-508.  
\*Nat Bur Stand TF 70-59048

Sci-Phys  
June 70

The Possibility of Producing a Metallurgical Bond Between Stainless Steel and Zircaloy-2  
by A. Bassi, E. Brutto, et al.

ITALIAN, per, La Metallurgia Italiana, Vol No 11, 1959, pp 509-514. 12/12/61

ATS 68M441

Sci - Min/Met

\*AEC 4811

Jun 61

156, PS.

Study of Diffusion Phenomena in Al at Low Temperatures,  
by T. Federighi.

ITALIAN, per, La Metallurgia Italiana, Vol 51, 1959,  
pp 534-541.

\*NTIS/NBS TT 71-55202

Available NBS Only

July 71

The Influence of Spectroscopic Carbons on Problems  
of Spectroscopic Analysis, by H. Russmann.

ITALIAN, per, La Metallurgia Italia, Vol LII,  
Jun 1960, pp 280-288.

B131 2062

Sci - Chem

Jul 61

161,047

Preliminary Observations on the Detection of  
Defects by Low-Temperature Oxidation of Fracture  
Surfaces ~~face~~ (0001) in Zinc Monoocrystals, by  
P. Spinetti, A. Garbrecht.

ITALIAN, per, Metallurgia Italiana, No 7, 1960,  
pp 411-416.

BDSI 1897 136,594

Sci - Chem

~~not for sale~~

Sciacchitano, G.  
ELECTROLYTIC DEPOSITION OF MANGANESE  
[1962] 16p (2 figs, refs omitted).  
Order from SLA 11-40 54-18532

Transl. of La Metallurgia Italiana, 1962, IV, 321  
to 5, p. 551-562.

DISCHARGE THIN-PANED ELECTRODEPOSITION  
ELECTROLYtic cells - Electrochemistry - Production

The results of over one year's work in a pilot plant of about 10 kg per day capacity are described. The cathode cell used in this plant is illustrated and compared with that of other manganese plants. There are presented concerning heat reduction, manganese extraction, and electrolytic purification. The article ends with a bibliography of the development of electrolytic manganese and ends with a report of separator efficiency.

Sciacchitano, G.

10/29/50-7/10

Electrolytic cells  
Production  
Electrochemistry

Guidelines for the Use of Steels in High-Temperature  
High-Pressure Gas Flows (Technical), by A. P. Ladd

LEWIS, part, Metallurgical Materials, Vol. 10,  
pp. 74-80, esp. 75-76.

BTSI 2350

See also: *Metallurgical Materials*

176, 443

Per 60

Application of Colour Metallography to the Study  
of Phenomena Connected With the Manufacture of  
Low Carbon Deep Drawing Steel Sheets, by G. Odon  
V. Barruti.

XXXXXX

ITALIAN, per, La Metallurgia Italiana, Vol LII,  
No 11, 1960, pp 716-720.

BISI 2990

Sci - M/M  
Mar 63

226639

Hydrogen in Cast Iron, by M. Ferrero, 7pp  
ITALIAN, per, La Metallurgia Italiana  
52, 1960 pp. 779-785.

\*Nat. Bur. Stand. TT 70-59053

Sci/chem  
May 70

SKIN THICKNESS AND SULFUR DISTRIBUTION IN RIMMED  
STEEL INGOTS, BY G. ODONE, A. FILIPPINI.

ITALIAN, PER, LA METALLURGIA ITALIANA, VOL LII,  
NO 12, 1960, PP ~~786-794~~.

HB 5457

SCI - MIN/MET  
OCT 62

212,088

Investigation into the Effect of Annealing  
on the Solidification of Steel Ingots, by  
P. HENRY Ravizza.

ITALIAN, per, La Metallurgia Italiana,  
Vol LII, No 12, 1960, pp 795-800.

HB 5458

Sci - Min/Met  
Apr 62

190, 708

Determining the Activity Coefficient of O in MnO by  
the Martin-Siemens Method, by G. Violi.

ITALIAN, per, La Metallurgia Italiana, Vol 52, 1960,  
pp 807-812.

\*NTIS/NBS TT 71-55204

Available NBS Only

July 71

The Recrystallisation of Zinc by Thermal Cycling,  
by D. Buttigelli, G. de Gregorio.  
ITALIAN, per, La Metallurgia Italiana, Vol LII, No 12,  
1960, pp 835-841. 9203667

NP-Tr-929

Sci - Phys

Mar 63

226,581

Experiments on the Melting in Electric Furnaces and  
in Open-Hearth Furnaces of Ferrous Material Obtained  
by Direct Reduction, by O. Masi, P. Canizzo.

ITALIAN, per, la Metallurgia Italiana, Vol LIII,  
Jan 1961, pp 1-16.

Sci - Engr

Sep 61

170, 110

New Rolling Mill for Bars and Rods of Special  
Steels, by U. Pigni.  
ITALIAN, per, Metallurgia Italiana, Vol LIII, No 2,  
1961, pp 53-59.  
BISI 3598

Sci - Engr  
Nov 64

268,671

Buttinelli, D. and Gregorio, G. de.  
BEHAVIOUR OF SAP AND ALUMINIUM IN THE  
THERMAL CYCLING (Comportamento di Sap e Allumi-  
nio alla Fatica Termica). 17p. (foreign text included)  
5 refs DTC-16.  
Order from OTS, ETC or DTC \$0.80      63-26201

Trans. of In Metallurgia Italiana, 1961, [v. 53] no. 4,  
p. 143-148.

DESCRIPTORS: \*Aluminum compounds, Oxides, Sintering,  
Heating, Phase transitions, Mechanical properties,  
\*Powder metallurgy.

(Metallurgy--Light Metals, TT, v. 10, no. 10)

63-26201

I. Buttinelli, D.  
II. Gregorio, G. de  
III. DTC-16  
IV. Danish Translations  
Centre

Office of Technical Services

Direct Spectrophotometric Analysis of Aluminum  
in Steel, by G. Picasso.

ITALIAN, per, la Metallurgia Italiana, Vol LXII,  
May 1961, pp 269-273, 276.

BIBI 2527

Sci - Min/Metals

Mar 62

189, 064

List 125

Vanadium Pentoxide Corrosion of Metals at High Temperatures, A. Burdese.

ITALIAN, per, Metallurgie Italiana, Vol LIII,  
No 7, 1961, pp 370-376.

CBIB 2468

Sci - N/M  
Mar 63

224,442

Influence of Heat Treatment at Temperatures Well  
Below  $A_c$ , on High-Carbon Drawn Steel Wires, by  
G. Testefo, M. Palomba.

ITALIAN, per, Metallurgia Italiana, Aug 1961,  
pp 474-482.

BISI 2748

Sci - Electron, Phys

203,506

Jul 62

list 136

Accelerated Oxidation of Alloys, by A. Burdose.

ITALIAN, per, Metallurgia Italiana, No 10, 1961,  
pp 552-558.

CEGB 2586

Sci - Chem  
Mar 63

224, 441

Electrothermal Production of Manganese Ferro-Alloys, by  
G. Dabala.  
ITALIAN, per, ~~sic~~ La Metallurgia Italiana, No 11, 1961,  
pp 615-625.

CRL/T. 1352

Sci - M/M

Feb 64

250,139

External Defects Typical of Seamless Tubes From  
Mannesmann-Type Piercing Mills With Oblique  
Double-Conical Rolls, by M. Mazzanti, et al.  
ITALIAN, per, Metallurgia Italiana, Vol LIV, No 11,  
1962, pp 485-496.  
HE #910

Sci - M/M  
Apr '64

.257,233

Heat Treatment of Grain-Oriented Rolled Magnetic  
Materials in a Continuous Furnace, by E. Calamari.  
ITALIAN, per, La Metallurgia Italiana, Vol LV,  
No 3, 1963, pp 107-111.  
BISI 3680

Sci - Engr  
Jun 64

260,257

The Applications of Autoradiographic Techniques in  
Metallurgy and the Study of Segregations,  
by F. Barigozzi, P. L. Lensi, 37 pp.  
ITALIAN, per, La Metallurgia Italiana, Vol LV, No 4,  
1963, pp 129-144. 9224811  
AEC-NP-Tr-1150

Sci-Mat & Met  
Oct 64

267,852

Rolling of High Speed Steel in Blooming Mills,  
by E. Bondi, G. Tiso. <sup>VACUUM</sup>  
ITALIANE, psw, Met. Ital., No 4, 1963, pp 159-  
162.

REF ID: A658

E. Bondi

Sci. - Mechanical, Industrial,  
Civil, and Marine Engineering  
Feb 67

Spectrophotometric Determination of Tin  
in Steels, by G. Picasso, A. Pizzimenti.  
ITALIAN, per, Met. Ital., Vol 55, No 8,  
1963, pp 361-364.  
BISK 4282

Sci/MGM  
Sep 65

289,298

Quantitative Analysis by X-Rays  
Fluorescence of 18/8 Stainless Steels  
by F. Creton, B. Boshin,  
ITALIAN. per. Met. Ital. Vol 55,  
Aug 1963, pp 425-429.  
BISI 4283

Sci/DE&M  
Sep 65

289,289

Thermomagnetic Treatments of Steels for Non-Oriented Grain Transformers, by A. Alderisio, F. Gauzzi, et al.  
X ITALIAN, per, La Metallurgia Italiana, Vol LV, Sep 1963,  
pp 449-455.  
BISI 8915

Sci-M/M  
Feb 65

274,585

Rationalisation of Forging Large Rings and Crowns,  
by G. Papuli.  
ITALIAN, per, La Metallurgia Italiana, No 9,  
1963, pp 456-460.  
BISI 3499

Sci - Engr  
Jun 64

261,127

The Use of Oxygen in Open-Hearth Furnaces,  
by G. Violi.

ITALIAN, per, Metallurgia Italiana Atti  
Notizie, Vol XVIII, No 4, 1963, pp 106-110.

BISI 3390

Sci. - M/M  
Nov 63

241,695

Z

The Terni Company's New Light Section Mill,  
by R. Natini, M. Esposito.  
ITALIAN, per, La Metallurgia Italiana, Atti Notizie,  
Vol I.V, No 9, 1963, pp 251-263.  
BISI 3568

Sci - Engr  
May 64

257,025  
257,025

Tests on Automatically Welded Austenitic Stainless Steel Tubes, by W. Nicodemi.  
ITALIAN, per, Metallurgia Italiana, Vol LV, No 9,  
1963, pp 467-473.  
HB 6142

Sci - Mat/Met  
May 64

258,365

A New Process for Working Up Japanese Iron-Bearing Sands, by Tetsuc Shimamura.  
ITALIAN, per, Metallurgia Italiana, Vol LV,  
No 9, 1963, pp 477, 478.  
HB 6145

~~Jack~~  
FE- Japan  
Econ  
May 64

288,356

Some ~~X~~ Considerations on the Results of the Determination  
of Hydrogen Content in Steel, by G. Timo, U. Lodi.  
ITALIAN, per, Metallurgia, Vol ~~XX~~ LV, Nov 1963,  
pp 560-562.  
BISI 3945

Sci-M/M  
Feb 65

273,198

Assessment and Distribution of Delta Ferrite in  
Two-Phase Austenitic Stainless Steels, by  
P. Ravizza.  
ITALIAN, per, Metallurgia Italiana, Vol LV, No 12,  
1963, pp 635-640.  
HB 6214

Sci-M & M  
Jne 64

261,788

Article on the cyclic corrosion resistance of  
nickel-UNI 100 CG ball bearing Steel  
as a function of Oxidation Conditions,  
by N. Ferrero, F. Creton.

ITALIAN, per, Met Ital., Vol 56,  
Jan 1964, pp 27-32.  
UISI 4151

un-Italy  
Sci/AM  
Jun 68

280,950

Effect of Crystal Orientation on Etching of  
Metal Single Crystals VI - Tin, by  
L. Peraldo Bicelli, et al.  
ITALIAN, per, Mata Ital., Vol 56, Feb 1964,  
pp 54-60.  
EISI 4458

ME-Italy  
Sci/M&N  
Apr 66

298,912

PROBLEMS RELATING TO REWORKING SURFACES FOR  
Basic Oxygen Furnaces. Part I, by A. Randri.  
ITALIAN, per, La Metallurgia Italiana, Vol 56,  
No 5, 1964, pp 173-181.  
HB 6821

WE-Italy  
Sci/M&M  
May 45

280,736

The Effect of Isothermal annealing on the High Temperature Creep Properties of a Cr-Mo Steel Type P 11 ASTM, by A. Myallonnier.  
ITALIAN, per, Met. Ital., Vol 56, Jun 1964,  
pp 205-209.  
BISI 5261

**Sci/Materials** May 67 326,714

Spectroscopy in the Analysis of Foods, by  
F. de Francesco.  
ITALIAN, per, Metallurgia Italiana, Vol 56,  
No 8, 1964, pp 321-325.  
NTC-71-10882-06H

Nov 71

Sulphur Effect in the Determination of  
In in Steel by means of the Quantometer  
and Quantovac, by F. Cirusii, A. Coin.  
ITALIAN, por, Int. Ital., Vol 56,  
Aug 1964, pp 343-349.  
EISI 4276  
C B 41/42K - 80/-

Sci/MEM  
Sep 65

.589,347

Origin of Exogenous Inclusions in Steel, Studied by Means  
of Radioactive Tracers, P. Logi, L. Marcoll,  
ITALIAN, per, Metallurgia Italiana, Vol 56, No 9, 1964,  
pp 443-449.  
LIB 6449

W ERI-Ital  
Sci/MILM  
Apr 65

277,116

The "Hopped" Copper Stove,  
by A. Ramacciotti, L. Pomilio.  
ITALIAN, per. Met. Ital., Vol 56,  
Sep 1964, pp 450-456.  
\*BISI 4375

Sci/MRH  
Aug 65

A New Method of Determining the Austenite Grain  
Size (in Steel), by V. Gottardi, B. Locardi.  
ITALIAN, per, La Metallurgia Italiana, Vol 56,  
No 11, Nov 1964, pp 339-344.  
HB 6504

WE-Italy  
Sci/Mil/MI  
May 65

280,704

Thermic Aspects of Sinterization with (Vegetable) Charcoal, by J. Wscieklicz.  
PORTUGUESE, per, Metalurgia, Vol 18, November 1962, pp 939-958.  
\*BISI 7245

Sci-Mat  
May 69

METALLURGY --- A DECISIVE INDUSTRY BRANCH, BY  
I. MARINESCU, 8 PP.

RUMANIAN, PER, METALURGIA, VOL XV, NO 4, 1963,  
PP 289-291.

JPRS 22079

EE-RUMANIA  
ECON  
DEC 63

243,000

Research into the Direct Reduction of Iron Ores in Tilting  
Furnaces Using Reducing Gases Produced by Conversion  
of Methane with Air, by O. Hatarescu, Gh. Atanasiu,  
et al,  
RUMANIAN, per, Metalurgia, Vol XV, No 4, 1963,  
pp 298-305.  
HB Tr No 6427

Sci - M/M  
Feb 65

274,989

Chromizing of Machine Components of Steel and  
Cast Iron, by G. Rozenthal, M. Carp.  
RUMANIAN, per, Metalurgia, Vol. XV, No 6, 1964x3,  
pp 387-392.  
HB 5724

Sci ~ Engr  
Nov 64

268,488

Forging Defects in Large Axles, by R. Muscan,  
G. Antonescu.  
RUMANIAN, per, Metalurgia, Vol. XV, No 8, 1963,  
pp 496-498.  
HB 5726

Sci ~ M/M  
Apr 64                    255,956

Application of Sonic and Ultrasonic Vibrations in  
the Casting of Metals, by Z. Dragos, C. Moldovan,  
et al.  
RUMANIAN, per, Metalurgia, Vol XV, No 8, 1963,  
pp 498-501.  
HB 5727

Sci - M/M  
Apr 64

257,234

The Development of the Iron and Steel Industry  
Under the People's Rule, by Ion Marinescu, 12 pp.  
ROMANIA, p&t, Metalurgia, No 8, Aug 1964,  
pp 344-356.  
JPRS 27,765

EEur-Romania  
Econ  
Feb 65

272,452

Development of Pipe Production and Specialization  
of Rolled Goods Lines, by N. Rusu, I. Hoblea, 9 pp.  
RUMANIAN, per, Metalurgia, No 8, Aug 1964,  
pp 339-342.  
JPRS 27,765

EEur-Rumania  
Econ  
Feb 65

xx

272,944

Development of the Production of Refractory Materials,  
by C. Dragomir, 9 pp.  
RUMANIAN, per, Metalurgia, No 8, Aug 1964,  
pp 343-347.  
JPRS 27,765

EEur-Rumania  
Econ  
Feb 65

272,945

Desorption Into the Direct Reduction of Iron  
Ores With the Gases From the Conversion of  
Methane With Steam, by O. Hatarascu, et al.  
RUMAIIAN, per, Metallurgia (Romania),  
Vol 16, No 10, 1964, pp 425-429.  
HB 6479

EE-Rumania  
Sci/M&M  
May 65

280,696

partial Translation of  
Metallurgy of Aluminum, by A. I. Belyayev, 26 pp.

GERMAN, bk, Metallurgie des Alumiriums, Vol I, 1956.

CIA/FDD XX-1184  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Min/Met  
Jun 62

USIB INTERNAL USE ONLY

201,246

TV In 1955 Telefunken Radio, by J. Marabiny.

SPANISH, per, Metalurgia y Electricidad, No 220,  
1956.

SCIA Tr 845

Sci - Electronics

43, 882

Silico-thermal Melting of Manganese Alloys in  
the Electric Furnace, by R. Darrer, G. Volkert.  
GERMANY, per, Metallurgie der Ferrolegierungen,  
Berlin, Springer, pp 247-266, 1953.  
CRL/T. 1973

Sci -  
Jul 67

363,754

Metallurgie des Aluminiums; Band 1. Die Elektrolyse  
von Kryolith-Tonerde-Schmelzen. 1956. Belyayev, A. I.

Translated from the Russian edition, 1953.

DSIR 669.71  
Lending Lib Unit  
G. 11322

Metallurgie des Aluminiums. Band 2. Die elektrolytische  
Aluminiumraffination und die Elektrothermie des  
Aluminiums und seiner Legierungen. 1957. by A. I.  
Belyayev, M. B. Rapoport, L. A. Firsovaya

Translated from the Russian original.

DSIR 541.135  
Lending Lib Unit  
G. 12261/0

*I. Gavriloiu*  
Heat Treatment of High Speed Tool Steels, by B. Iean.

RUMANIAN, per, Metalurgia si Constructia de Masini, No 12, 1955, pp 41-545.

\*BISI 2985

Sci - Engr

11 Oct 62

Sup I, No 137

(2266-II)

Manufacture of Titanium Carbide and Ferrotitanium from Indigenous Raw Material, by Gr. Socolescu, A. Triandaf, V. Mavruanti, Al. Isopescu, 5 pp.

ROMANIA, per, Metalurgia si Construcția de Masini,  
Vol X, Nr 10, Bucharest, Oct 1953, pp 847, 848.

JPMB 1398-8

Bukur - Romania  
Boca - Minerals and Metals  
Apr 59

85,408

SETTE

(NY-2678).

Plans for a Central Gear Plant in Rumania, by  
V. I. Sava, 8 pp.

RUMANIA, per, Metalurgia si Constructia de  
Masini, Vol VII, No 1, 1959, Bucharest, pp 45-47.

JPRS-1867-N

EEur - Romania  
Econ - Manufacturing, Machine Building  
Sep 59

95,504

(1266-E)

Metal Saving in Ferrous Metallurgy, by Iacob Luca,  
pp 14.

RUMANIA, par, Metalurgia si Chimieva de Neamini,  
Vol X, No 10, Bucharest, 1958, pp 485-489.

JPMB 1392-J

Mur - Minas  
Iron - Minerals and Metals  
Apr 59

85,409